In the claims:

1. (currently amended) A compound of formula I

wherein:

 $A = CR^1$ or N,

 $B = CR^2$ or N.

 $D = CR^3$ or N.

E = CR4 or N and

F = CR5 or N:

and the maximum number of nitrogen atoms amongst A. B. D. E. and F is two:

where m = 1-3 and n = 1-3

and excluding all compounds where m = n = 2:

where each R 1 , R 2 , R 4 and R 6 is independently selected from F, CI, Br, I, nitro, cyano, CF $_3$, -NR 6 R 7 , -NR 6 C(=O)R 7 , -C(=O)R 6 , -C(=O)R 6 , -C(=O)NR 6 R 7 , -OC(=O)NR 6 R 7 , -OC(=O)NR 6 R 7 , -OC(=O)NR 6 R 7 , -OC(=O)R 6 , -C(=O)R 6 , -C(=O)NR 6 R 7 , -S(=O)R 6 , -S(=O)R 6 , -C(=O)R 6 R 7 , -And a substituent from the definition of R 6 ;

each R^3 , R^7 , and R^6 is independently selected from H, straight chain or branched $(C_2 - C_6)$ alkyl, straight chain or branched $(C_2 - C_6)$ alkenyl, straight chain or branched $(C_2 - C_6)$ alkenyl, $(C_2 - C_6$

or R¹ and R², or R² and R³, or R³ and R⁴, or R⁴ and R⁵, may form another 6-membered aromatic or heteroaromatic ring sharing A and B, or B and D, or D and E, or E and F, respectively, and may be optionally substituted with from one to four substituents independently selected from the group of radicals set forth in the definition of R^8 . R^7 and R^8 above;

 $each\ R^2,\ R^{10}\ and\ R^{31}\ is\ independently\ selected\ from\ H,\ straight\ chain\ or\ branched\ (C_2-C_0)alkyl,\ straight\ chain\ or\ branched\ (C_2-C_0)alkynyl,\ (C_3-C_0)cycloalkyl,\ (C_3$

each R^{12} , R^{15} , and R^{14} is independently selected from H, straight chain or branched $(C_1 - C_6)$ alkyl, straight chain or branched $(C_2 - C_6)$ alkynyl, $(C_3 - C_6)$ cycloalkyl, $(C_4 - C_6)$ cycloalkyl, $(C_5 - C_7)$ bicycloalkyl, $(C_7 - C_7)$ bicyc

and—all or an enantiomeric, diastereomeric and or tautomeric isomers—and isomer thereof or a pharmaceutically acceptable salts salt thereof.

- (original) A compound according to claim 1 wherein one or two of A, B, D or E is N.
- 3. (original) A compound according to claim 1 wherein A and B are both N.
- 4. (original) A compound according to claim 1 wherein A and E are both N.
- 5. (original) A compound according to claim 1 wherein B and E are both N.
- 6. (original) A compound according to claim twherein one of A. B or E is N.
- 7. (original) A compound according to claim 1 wherein one of A or B is N.
- 8. (original) A compound according to claim 1 wherein each R¹, R², R³, R⁴ and R⁵ is independently selected from H, halo, (C₁-C₀)alkyl, (C₁-C₀)alkyoy, (C₁-C₀)alkyl, cyano, (C₁-C₀)alkoxycarbonyl; phenyl substituted or unsubstituted with halo, (C₁-C₀)alkyl, (C₁-C₀)alkoxy, (C₁-C₀)fluoroalkyl; and heteroaryl; or where any one of the R¹ and R², or R² and R³, or R³ and R⁴, or R⁴ and R⁵ pairs located on adjacent carbon atoms join to form an unsaturated (C₀)alkylene bridge.
 - 9, (withdrawn) A compound according to claim 1 wherein m =1 and n =1
 - 10. (original) A compound according to claim 1 wherein m =1 and n =2.
 - 11. (withdrawn) A compound according to claim 1 wherein m =1 and n =3.
 - 12. (withdrawn) A compound according to claim 1 wherein m =2 and n =3.
 - 13. (withdrawn) A compound according to claim 1 wherein m = 3 and n = 3.

- 14. (original) A compound according to claim 1 selected from the group consisting of:
- 4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- 4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- 4-Pyridin-2-yl-1.4-diaza-bicyclof3.2.1]octane:
- 4-Pyridin-3-yl-1,4-diaza-bicyclo[3.2.1]octane:
- 4-Pyridin-4-vi-1,4-diaza-bicyclof3,2,1]octane;
- 4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- 4-(5-Bromo-pyridin-2-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- 4-(6-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- 4-Pvrazin-2-vl-1,4-diaza-bicyclof3.2,1loctane;
- 4-Pyrimidin-5-vl-1,4-diaza-bicyclof3.2,1loctane;
- 4-(5-Chloro-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- 4-[5-(3-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- 4-(3-Bromo-phenyl)-1.4-diaza-bicyclol3.2.1loctane;
- 5-(1.4-Diaza-bicyclol3.2.1loct-4-vt)-nicotinonitrile:
- 4-(5-Trifluoromethyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- 4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- 4-[5-(4-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- 4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1.4-diaza-bicyclo[3,2,1]octane:
- 4-[5-(4-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,2,1]octane:
- 3-(1,4-Diaza-bicyclo[3.2.1]oct-4-yl)-quinoline;
- 4-(3-Trifluoromethyl-pyridin-2-yl)-1,4-diaza-bicyclof3,2.1loctane:
- 4-(6-Methoxy-pyridin-2-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- 4-[5-(2-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,2,1]octane;
- 4-[5-(3-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- 4-(5-o-Tolyl-pyridin-3-yl)-1.4-diaza-bicyclo[3,2,1]octane;
- 5-(1,4-Diaza-bicyclo[3.2.1]oct-4-yf)-nicotinic acid ethyl ester;
- 4-(5-Chloro-pyridin-2-yl)-1,4-diaza-bicyclo[3.2.1]octane;

- 4-(6-Methyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- 4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- 4-[5-(4-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.2.1]octane:
- 4-(5-o-Tolyl-pyridin-2-yl)-1.4-diaza-bicyclo[3.2.1]octane;
- 4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- 4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3,2,1]octane;
- 4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- 4-[5-(2,4-Dichloro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,2,1]octane:
- 4-[5-(3-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- 4-(5-p-Tolyl-pyridin-3-yl)-1,4-diaza-bicyclof3.2,1loctane:
- 4-[5-(4-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- 4-(5-Methoxy-pyridin-3-yl)-1,4-diaza-bicyclol3.2.1loctane:
- 5-(1,4-Diaza-bicyclo[3.2.1]oct-4-yl)-[3,4']bipyridinyl; and
- 4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1,4-diaza-bicyclo[3,2,1]octane.
- 15. (original) A compound according to claim 1 selected from the group consisting of:
- (+)-4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3,2,1]octane;
- (+)-4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-Pyridin-2-yl-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-Pyridin-3-yl-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-Pyridin-4-yl-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-(5-Bromo-pyridin-2-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-(6-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-Pvrazin-2-vl-1,4-diaza-bicvclol3,2,1]octane:
- (+)-4-Pyrimidin-5-yl-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-(5-Chloro-pyridin-3-yl)-1.4-diaza-bicyclo[3.2.1]octane;
- (+)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-(3-Bromo-phenyl)-1,4-diaza-bicyclo[3,2,1]octane:

- (+)-5-(1,4-Diaza-bicyclo[3,2.1]oct-4-yl)-nicotinonitrile;
- (+)-4-(5-Trifluoromethyl-pyridin-3-yl)-1.4-diaza-bicyclof3.2.1]octane;
- (+)-4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yll-1,4-diaza-bicyclo[3,2,1]octane:
- (+)-4-[5-(4-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-[5-(4-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,2,1]octane;
- (+)-3-(1,4-Diaza-bicyclo[3,2,1]oct-4-yl)-quinoline;
- (+)-4-(3-Trifluoromethyl-pyridin-2-yl)-1.4-diaza-bicyclof3.2.1loctane:
- (+)-4-(6-Methoxy-pyridin-2-yl)-1,4-diaza-bicyclo[3.2.1]octane:
- (+)-4-[5-(2-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,2,1]octane:
- (+)-4-[5-(3-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,2,1]octane;
- (+)-4-(5-o-Tolyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-5-(1,4-Diaza-bicyclo[3.2.1]oct-4-yl)-nicotinic acid ethyl ester;
- (+)-4-(5-Chloro-pyridin-2-yl)-1,4-diaza-bicyclo[3,2,1]octane:
- (+)-4-(6-Methyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-[5-(4-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-(5-o-Tolyl-pyridin-2-yl)-1.4-diaza-bicyclo[3,2.1]octane:
- (+)-4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1.4-diaza-bicyclo[3.2.1]octane;
- (+)-4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3,2,1]octane:
- (+)-4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-[5-(2.4-Dichloro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-[5-(3-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-(5-p-Tolvl-pyridin-3-vl)-1.4-diaza-bicyclof3.2.1loctane:
- (+)-4-[5-(4-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (+)-4-(5-Methoxy-pyridin-3-yl)-1,4-diaza-bicyclo[3,2,1]octane;
- (+)-5-(1,4-Diaza-bicyclo[3.2.1]oct-4-yl)-[3,4']bipyridinyl; and
- (+)-4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1,4-diaza-bicyclo[3,2,1]octane.

- 16. (original) A compound according to claim 1 selected from the group consisting of:
- (-)-4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-Pyridin-2-yl-1,4-diaza-bicyclo[3,2,1]octane;
- (-)-4-Pyridin-3-yl-1,4-diaza-bicyclo[3.2,1]octane;
- (-)-4-Pyridin-4-yl-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(5-Bromo-pyridin-2-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(6-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-Pyrazin-2-vl-1,4-diaza-bicyclo[3,2,1]octane;
- (-)-4-Pyrimidin-5-yl-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(5-Chloro-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(3-Bromo-phenyl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-5-(1,4-Diaza-bicyclo[3,2,1]oct-4-yl)-nicotinonitrile;
- (-)-4-(5-Trifluoromethyl-pyridin-3-yl)-1.4-diaza-bicyclo[3,2.1]octane:
- (-)-4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-[5-(4-Trifluoromethyl-phenyl)-pyridin-3-yll-1,4-diaza-bicyclof3.2.1]octane:
- (-)-4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-[5-(4-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,2,1]octane;
- (-)-3-(1,4-Diaza-bicyclo[3.2.1]oct-4-yl)-quinoline;
- (-)-4-(3-Trifluoromethyl-pyridin-2-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(6-Methoxy-pyridin-2-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-[5-(2-Methoxy-phenyl)-pyridin-3-yl]-1.4-diaza-bicyclo[3.2.1]octane;
- (-)-4-[5-(3-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(5-o-Tolyl-pyridin-3-yl)-1,4-diaza-bicyclof3.2.1]octane;
- (-)-5-(1,4-Diaza-bicyclo[3.2,1]oct-4-yl)-nicotinic acid ethyl ester;
- (-)-4-(5-Chloro-pyridin-2-yl)-1,4-diaza-bicyclo[3,2,1]octane;

- (-)-4-(6-Methyl-pyridin-3-yl)-1,4-diaza-bicyclof3.2.1loctane:
- (-)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-[5-(4-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(5-o-Tolyl-pyridin-2-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.2,1]octane;
- (-)-4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1.4-diaza-bicyclo[3,2,1]octane:
- (-)-4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-[5-(2,4-Dichloro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-[5-(3-Chloro-phenyf)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(5-p-Tolyl-pyridin-3-yl)-1,4-diaza-bicyclof3,2,1]octane:
- (-)-4-[5-(4-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-4-(5-Methoxy-pyridin-3-yl)-1,4-diaza-bicyclo[3.2.1]octane;
- (-)-5-(1,4-Diaza-bicyclo[3,2,1]oct-4-yl)-[3,4']bipyridinyl; and
- (-)-4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1.4-diaza-bicyclo[3,2,1]octane.
- 17. (withdrawn) A compound according to claim 1 selected from the group consisting of:
- 4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-Pyridin-2-yl-1.4-diaza-bicyclo[3,1.1]heptane;
- 4-Pyridin-3-yl-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-Pyridin-4-yl-1,4-diaza-bicyclo[3.1.1]heptane:
- 4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-(5-Bromo-pyridin-2-vl)-1,4-diaza-bicyclof3,1,1]heptane:
- 4-(6-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-Pyrazin-2-vl-1.4-diaza-bicyclo[3,1,1]heptane:
- 4-Pyrimidin-5-vl-1.4-diaza-bicyclot3.1.1theptane:
- 4-(5-Chloro-pyridin-3-yl)-1.4-diaza-bicyclo[3,1,1]heptane;
- 4-[5-(3-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-(3-Bromo-phenyl)-1,4-diaza-bicyclof3.1,1]heptane:

- 5-(1,4-Diaza-bicyclo{3.1.1]hept-4-yl)-nicotinonitrile;
- 4-(5-Trifluoromethyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-[5-(4-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,1,1]heptane;
- 4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-[5-(4-Fluoro-phenyl)-pyridin-3-yll-1,4-diaza-bicyclo[3,1,1]heptane;
- 3-(1,4-Diaza-bicyclo[3,1,1]hept-4-yl)-quinofine;
- 4-(3-Trifluoromethyl-pyridin-2-yl)-1,4-diaza-bicyclo{3.1.1}heptane;
- 4-(6-Methoxy-pyridin-2-yl)-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-[5-(2-Methoxy-phenyl)-pyridin-3-yll-1,4-diaza-bicyclol3.1,1]heptane:
- 4-[5-(3-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-(5-o-Totyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.1.1]heptane;
- 5-(1,4-Diaza-bicyclo[3.1.1]hept-4-yl)-nicotinic acid ethyl ester;
- 4-(5-Chloro-pyridin-2-yl)-1.4-diaza-bicyclo[3,1,1]heptane:
- 4-(6-Methyl-pyridin-3-yl)-1.4-diaza- bicyclof3.1.1lheptane:
- 4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.1.1]heptane;
- 4-[5-(4-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.1.1]heptane;
- 4-(5-o-TolvI-pyridin-2-vI)-1.4-diaza- bicyclo[3.1.1]heptane:
- 4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.1.1]heptane;
- 4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.1.1]heptane;
- 4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.1.1]heptane;
- 4-[5-(2.4-Dichloro-phenyl)-pyridin-3-yl]-1.4-diaza- bicyclo[3.1.1]heptane:
- 4-[5-(3-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.1.1]heptane;
- 4-(5-p-Tolvl-pyridin-3-vl)-1.4-diaza- bicyclol3.1.1]heptane;
- 4-[5-(4-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.1.1]heptane;
- 4-(5-Methoxy-pyridin-3-yl)-1,4-diaza- bicyclo[3,1,1]heptane;
- 5-(1,4-Diaza-bicyclo[3.1.1]hept-4-yl)-[3,4']bipyridinyl; and
- 4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1,4-diaza- bicyclo[3,1,1]heptane.

- 18. (withdrawn) A compound according to claim 1 selected from the group consisting of:
- 4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-Pyridin-2-yl-1,4-diaza-bicyclo[3,3,1]nonane;
- 4-Pyridin-3-yl-1,4-diaza-bicyclo[3.3,1]nonane;
- 4-Pyridin-4-yl-1,4-diaza-bicyclo[3,3,1]nonane;
- 4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-(5-Bromo-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-(6-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-Pvrazin-2-vl-1,4-diaza-bicvclof3.3,13nonane:
- 4-Pyrimidin-5-vi-1,4-diaza-bicyclof3,3,1Inonane;
- 4-(5-Chloro-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-[5-(3-Triffuoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-(3-Bromo-phenyl)-1,4-diaza-bicyclof3,3,1Inonane;
- 5-(1.4-Diaza-bicyclol3.3.1]non-4-vn-nicotinonitrile:
- 4-(5-Trifluoromethyl-pyridin-3-yl)-1.4-diaza-bicyclol3.3.1lnonane;
- 4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-[5-(4-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,1]nonane;
- 4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-[5-(4-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- 3-(1,4-Diaza-bicyclo[3.3,1]non-4-yl)-quinoline;
- 4-(3-Trifluoromethyl-pyridin-2-yl)-1,4-diaza-bicyclof3.3.1Inonane;
- 4-(6-Methoxy-pyridin-2-yt)-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-[5-(2-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,1]nonane:
- 4-(5-(3-Methoxy-phenyl)-pyridin-3-yll-1.4-diaza-bicyclo(3.3.1)nonane:
- 4-(5-o-Tolyl-pyridin-3-yl)-1.4-diaza-bicyclol3.3.1 Inonane:
- 5-(1,4-Diaza-bicyclo[3.3.1]non-4-yl)-nicotinic acid ethyl ester;
- 4-(5-Chloro-pyridin-2-yl)-1,4-diaza-bicyclof3.3,1]nonane;

- 4-(6-Methyl-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,1]nonane;
- 4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- 4-[5-(4-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- 4-(5-o-Tolyl-pyridin-2-yl)-1,4-diaza- bicyclo[3,3,1]nonane;
- 4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- 4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- 4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- 4-[5-(2,4-Dichloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3,3,1]nonane;
- 4-[5-(3-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- 4-(5-p-Tolyl-pyridin-3-yl)-1.4-diaza- bicyclof3.3.1]nonane;
- 4-[5-(4-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- 4-(5-Methoxy-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,1]nonane;
- 5-(1,4-Diaza-bicyclo[3.3.1]non-4-yl)-[3,4']bipyridinyl; and
- 4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1.4-diaza- bicyclo[3.3.1]nonane.
- 19. (withdrawn) A compound according to claim 1 selected from the group consisting of:
- (+)-4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3,3,1]nonane;
- (+)-4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (+)-4-Pyridin-2-yl-1,4-diaza-bicyclof3.3.1Inonane;
- (+)-4-Pyridin-3-yl-1,4-diaza-bicyclo[3.3.1]nonane;
- (+)-4-Pyridin-4-yl-1,4-diaza-bicyclo[3.3.1]nonane;
- (+)-4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (+)-4-(5-Bromo-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (+)-4-(6-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (+)-4-Pvrazin-2-vl-1.4-diaza-bicvclol3.3.1]nonane;
- (+)-4-Pyrimidin-5-yl-1,4-diaza-bicyclo[3.3.1]nonane;
- (+)-4-(5-Chloro-pyridin-3-yl)-1,4-diaza-bicyclo[3,3,1]nonane;
- (+)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- (+)-4-(3-Bromo-phenyl)-1,4-diaza-bicyclof3.3.1lnonane;

- (+)-5-(1,4-Diaza-bicyclo[3,3,1]non-4-yf)-nicotinonitrile;
- (+)-4-(5-Trifluoromethyl-pyridin-3-yl)-1,4-diaza-bicyclof3,3,1]nonane:
- (+)-4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,1]nonane;
- (+)-4-[5-(4-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,1]nonane;
- (+)-4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- (+)-4-[5-(4-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,1]nonane;
- (+)-3-(1,4-Diaza-bicyclo[3.3.1]non-4-yl)-quinoline;
- (+)-4-(3-Triffuoromethyl-pyridin-2-yf)-1,4-diaza-bicyclof3,3,11nonane;
- (+)-4-(6-Methoxy-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (+)-4-[5-(2-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,1]nonane;
- (+)-4-[5-(3-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo{3.3.1]nonane;
- (+)-4-(5-o-Tolyl-pyridin-3-yl)-1,4-diaza-bicyclo[3,3,1]nonane;
- (+)-5-(1,4-Diaza-bicyclo[3.3.1]non-4-yf)-nicotinic acid ethyl ester;
- (+)-4-(5-Chloro-pyridin-2-yl)-1,4-diaza-bicyclo[3,3,1]nonane;
- (+)-4-(6-Methyl-pyridin-3-yl)-1,4-diaza- bicyclo[3.3.1]nonane;
- (+)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3,3,1]nonane:
- (+)-4-[5-(4-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- (+)-4-(5-o-Tolyl-pyridin-2-yl)-1,4-diaza- bicyclo[3,3,1]nonane;
- (+)-4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1.4-diaza- bicyclo[3.3.1]nonane:
- (+)-4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3,3,1]nonane;
- (+)-4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- (+)-4-[5-(2.4-Dichloro-phenyl)-pyridin-3-yll-1,4-diaza- bicyclo[3.3,1]nonane:
- (+)-4-[5-(3-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- (+)-4-(5-p-Tolyl-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,1]nonane;
- (+)-4-[5-(4-Methoxy-phenyl)-pyridin-3-yll-1.4-diaza- bicyclo[3.3.1]nonane:
- (+)-4-(5-Methoxy-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,1]nonane;
- (+)-5-(1,4-Diaza-bicyclo[3.3.1]non-4-yl)-[3,4']bipyridinyl; and
- (+)-4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1.4-diaza- bicyclo[3.3.1]nonane.

- 20. (withdrawn) A compound according to claim 1 selected from the group consisting of:
- (-)-4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-Pyridin-2-yl-1,4-diaza-bicyclo[3,3,1]nonane;
- (-)-4-Pyridin-3-yl-1,4-diaza-bicyclo[3.3,1]nonane;
- (-)-4-Pyridin-4-yl-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-(5-Bromo-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-(6-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo{3.3.1}nonane;
- (-)-4-Pvrazin-2-vl-1,4-diaza-bicyclo[3,3,1]nonane;
- (-)-4-Pyrimidin-5-yl-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-(5-Chloro-pyridin-3-yl)-1,4-diaza-bicyclo[3,3,1]nonane;
- (-)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,1]nonane;
- (-)-4-(3-Bromo-phenyl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-5-(1,4-Diaza-bicyclo[3,3,1]non-4-yl)-nicotinonitrile;
- (-)-4-(5-Trifluoromethyl-pyridin-3-yl)-1.4-diaza-bicyclo[3,3.1]nonane;
- (-)-4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-[5-(4-Trifluoromethyl-phenyl)-pyridin-3-yll-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-[5-(4-Fluoro-phenyl)-pyridin-3-yll-1,4-diaza-bicyclo[3,3,1]nonane;
- (-)-3-(1,4-Diaza-bicyclo[3.3.1]non-4-yl)-quinoline;
- (-)-4-(3-Trifluoromethyl-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-(6-Methoxy-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-[5-(2-Methoxy-phenyl)-pyridin-3-yl]-1.4-diaza-bicyclo[3,3,1]nonane;
- (-)-4-[5-(3-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-(5-o-Tolyl-pyridin-3-yl)-1,4-diaza-bicyclof3,3,1]nonane:
- (-)-5-(1,4-Diaza-bicyclo[3.3.1]non-4-yl)-nicotinic acid ethyl ester;
- (-)-4-(5-Chloro-pyridin-2-yl)-1,4-diaza-bicyclof3,3,1]nonane;

- (-)-4-(6-Methyl-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,1]nonane;
- (-)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- (-)-4-[5-(4-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- (-)-4-(5-o-Tolyl-pyridin-2-yl)-1,4-diaza- bicyclo{3,3,1}nonane;
- (-)-4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- (-)-4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- (-)-4-[5-(2,4-Dichloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- (-)-4-[5-(3-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.1]nonane;
- (-)-4-(5-p-Tolyl-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,1]nonane;
- (-)-4-[5-(4-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.1]nonane;
- (-)-4-(5-Methoxy-pyridin-3-yl)-1,4-diaza- bicyclo[3.3.1]nonane;
- (-)-5-(1,4-Diaza-bicyclo[3.3.1]non-4-yl)-[3,4']bipyridinyl; and
- (-)-4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1,4-diaza- bicyclo[3.3.1]nonane.
- 21. (withdrawn) A compound according to claim 1 selected from the group consisting of:
- 4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- 4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- 4-Pyridin-2-vl-1.4-diaza-bicyclo[3,3,2]decane;
- 4-Pyridin-3-yl-1,4-diaza-bicyclo[3.3.2]decane;
- 4-Pyridin-4-yl-1,4-diaza-bicyclo[3.3.2]decane;
- 4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- 4-(5-Bromo-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- 4-(6-Phenyl-pyridazin-3-yf)-1,4-diaza-bicyclo[3.3.2]decane;
- 4-Pyrazin-2-vl-1,4-diaza-bicyclof3,3,2ldecane;
- 4-Pyrimidin-5-yl-1,4-diaza-bicyclo[3.3.2]decane;
- 4-(5-Chloro-pyridin-3-yl)-1.4-diaza-bicyclof3.3.2]decane;
- 4-[5-(3-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- 4-(3-Bromo-phenyl)-1,4-diaza-bicyclol3,3,2ldecane:

- 5-(1,4-Diaza-bicyclo[3.3.2]dec-4-yl)-nicotinonitrile;
- 4-(5-Trifluoromethyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- 4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- 4-[5-(4-Trifluoromethyl-phenyl)-pyridin-3-yll-1,4-diaza-bicyclo[3,3,2]decane;
- 4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- 4-[5-(4-Fluoro-phenyf)-pyridin-3-yf]-1,4-diaza-bicyclo[3.3.2]decane;
- 3-(1,4-Diaza-bicyclo[3,3,2]dec-4-yl)-quinoline;
- 4-(3-Trifluoromethyl-pyridin-2-yl)-1.4-diaza-bicyclol3.3.2ldecane:
- 4-(6-Methoxy-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- 4-[5-(2-Methoxy-phenyl)-pyridin-3-yll-1,4-diaza-bicyclol3.3,2]decane;
- 4-[5-(3-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- 4-(5-o-Tolyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- 5-(1,4-Diaza-bicyclo[3,3,2]dec-4-yl)-nicotinic acid ethyl ester;
- 4-(5-Chloro-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- 4-(6-Methyl-pyridin-3-yl)-1,4-diaza- bicyclo[3.3.2]decane;
- 4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yll-1,4-diaza- bicyclo[3,3,2]decane:
- 4-[5-(4-Chloro-phenyl)-pyridin-2-yf]-1,4-diaza- bicyclo[3.3.2]decane;
- 4-(5-o-Tolvl-pyridin-2-vl)-1.4-diaza- bicyclo[3.3.2]decane;
- 4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- 4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- 4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- 4-[5-(2.4-Dichloro-phenyl)-pyridin-3-yl]-1.4-diaza- bicyclo[3.3.2]decane;
- 4-[5-(3-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- 4-(5-p-Tolvl-pyridin-3-vl)-1,4-diaza- bicyclo[3,3,2]decane:
- 4-[5-(4-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- 4-(5-Methoxy-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,2]decane;
- 5-(1,4-Diaza-bicyclo[3.3.2]dec-4-yl)-[3,4']bipyridinyl; and
- 4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,2]decane.

- 22. (withdrawn) A compound according to claim 1 selected from the group consisting of:
- (+)-4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-Pyridin-2-yl-1,4-diaza-bicyclof3.3.2(decane:
- (+)-4-Pyridin-3-yl-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-Pyridin-4-yl-1,4-diaza-bicyclol3,3,2ldecane:
- (+)-4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-(5-Bromo-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-(6-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-Pyrazin-2-yl-1,4-diaza-bicyclof3.3,2ldecane:
- (+)-4-Pyrimidin-5-yl-1,4-diaza-bicyclol3,3,2ldecane;
- (+)-4-(5-Chloro-pyridin-3-yl)-1,4-diaza-bicyclof3.3.2]decane:
- (+)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-(3-Bromo-phenyl)-1.4-diaza-bicyclo[3.3.2]decane;
- (+)-5-(1.4-Diaza-bicyclo[3.3.2]dec-4-vl)-nicotinonitrile:
- (+)-4-(5-Triffuoromethyl-pyridin-3-yl)-1,4-diaza-bicyclof3,3,21decane;
- (+)-4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-[5-(4-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,2]decane:
- (+)-4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-[5-(4-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,2]decane;
- (+)-3-(1,4-Diaza-bicyclo[3,3,2]dec-4-yl)-quinoline;
- (+)-4-(3-Trifluoromethyl-pyridin-2-yf)-1,4-diaza-bicyclof3.3.2idecane;
- (+)-4-(6-Methoxy-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-[5-(2-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,2]decane:
- (+)-4-[5-(3-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- (+)-4-(5-o-Tolyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3,2]decane:
- (+)-5-(1,4-Diaza-bicyclo[3.3.2]dec-4-yl)-nicotinic acid ethyl ester;
- (+)-4-(5-Chloro-pyridin-2-yl)-1,4-diaza-bicyclo{3,3,2|decane;

- (+)-4-(6-Methyl-pyridin-3-yl)-1,4-diaza- bicyclo[3.3.2]decane;
- (+)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yll-1,4-diaza- bicyclo[3,3,2]decane;
- (+)-4-[5-(4-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- (+)-4-(5-o-Tolyl-pyridin-2-yl)-1,4-diaza- bicyclo[3,3,2]decane:
- (+)-4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- (+)-4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3,3,2]decane;
- (+)-4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- (+)-4-[5-(2.4-Dichloro-phenyl)-pyridin-3-yl]-1.4-diaza- bicyclo[3.3.2]decane:
- (+)-4-[5-(3-Chloro-phenyl)-pyridin-3-yl]-1.4-diaza- bicyclo[3.3.2]decane;
- (+)-4-(5-p-Tolvl-pyridin-3-vl)-1.4-diaza- bicyclol3.3.2ldecane:
- (+)-4-[5-(4-Methoxy-phenyi)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- (+)-4-(5-Methoxy-pyridin-3-yl)-1,4-diaza- bicyclo[3.3.2]decane;
- (+)-5-(1,4-Diaza-bicyclo[3.3.2]dec-4-yl)-[3,4']bipyridinyl; and
- (+)-4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,2]decane.
- 23. (withdrawn) A compound according to claim 1 selected from the group consisting of:
- (-)-4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3,3,2]decane;
- (-)-4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-Pyridin-2-vl-1.4-diaza-bicyclo[3.3.2]decane;
- (-)-4-Pyridin-3-yl-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-Pyridin-4-yl-1.4-diaza-bicyclo[3,3,2]decane;
- (-)-4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-(5-Bromo-pyridin-2-vI)-1,4-diaza-bicyclo[3,3,2]decane:
- (-)-4-(6-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-Pyrazin-2-vl-1.4-diaza-bicyclo[3,3,2]decane:
- (-)-4-Pyrimidin-5-yl-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-(5-Chloro-pyridin-3-yl)-1.4-diaza-bicyclo[3,3,2]decane;
- (-)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-(3-Bromo-phenyl)-1,4-diaza-bicyclof3.3,21decane;

- (-)-5-(1,4-Diaza-bicyclo{3.3.2}dec-4-yl}-nicotinonitrile;
- (-)-4-(5-Trifluoromethyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-[5-(4-Triffuoromethyl-phenyl)-pyridin-3-yl]-1.4-diaza-bicyclo[3.3.2]decane;
- (-)-4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-[5-(4-Fluoro-phenyl)-pyridin-3-yl]-1.4-diaza-bicyclo[3,3,2]decane;
- (-)-3-(1,4-Diaza-bicyclo[3.3,2]dec-4-yl)-quinoline;
- (-)-4-(3-Trifluoromethyl-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-(6-Methoxy-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-[5-(2-Methoxy-phenyl)-pyridin-3-yl]-1.4-diaza-bicyclof3.3.2]decane:
- (-)-4-[5-(3-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-(5-o-Tolyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-5-(1,4-Diaza-bicyclo[3.3.2]dec-4-yl)-nicotinic acid ethyl ester;
- (-)-4-(5-Chloro-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-(6-Methyl-pyridin-3-yl)-1,4-diaza- bicyclo[3.3.2]decane;
- (-)-4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yll-1,4-diaza- bicyclo[3,3,2]decane;
- (-)-4-[5-(4-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- (-)-4-(5-o-Tolyl-pyridin-2-yl)-1,4-diaza- bicyclo[3.3.2]decane;
- (-)-4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- (-)-4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3,3,2]decane;
- (-)-4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- (-)-4-[5-(2,4-Dichloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3,3,2]decane;
- (-)-4-[5-(3-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.2]decane;
- (-)-4-(5-p-Tolyl-pyridin-3-yl)-1.4-diaza- bicyclof3.3,2ldecane:
- (-)-4-[5-(4-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.2]decane;
- (-)-4-(5-Methoxy-pyridin-3-yl)-1.4-diaza- bicyclol3.3.2ldecane;
- (-)-5-(1,4-Diaza-bicyclo[3.3.2]dec-4-yl)-[3,4']bipyridinyl; and
- (-)-4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,2]decane.

- 24. (withdrawn) A compound according to claim 1 selected from the group consisting of:
- 4-(5-Bromo-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.3]undecane;
- 4-(5-Phenyl-pyridin-3-yl)-1,4-diaza-bicyclo[3.3.3]undecane;
- 4-Pyridin-2-yl-1,4-diaza-bicyclol3,3,3lundecane;
- 4-Pyridin-3-yl-1,4-diaza-bicyclo[3.3.3]undecane;
- 4-Pvridin-4-vi-1.4-diaza-bicyclof3.3.3lundecane:
- 4-(5-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.3]undecane;
- 4-(5-Bromo-pyridin-2-yl)-1.4-diaza-bicyclo[3.3,3]undecane:
- 4-(6-Phenyl-pyridazin-3-yl)-1,4-diaza-bicyclo[3.3.3]undecane;
- 4-Pvrazin-2-vl-1,4-diaza-bicvclol3.3,3lundecane:
- 4-Pyrimidin-5-vl-1,4-diaza-bicyclo[3,3,3]undecane:
- 4-(5-Chloro-pyridin-3-yl)-1,4-diaza-bicyclol3.3.3]undecane;
- 4-[5-(3-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,3]undecane;
- 4-(3-Bromo-phenyl)-1.4-diaza-bicyclof3.3.3lundecane;
- 5-(1.4-Diaza-bicyclof3.3.3]undec-4-vf)-nicotinonitrile:
- 4-(5-Trifluoromethyl-pyridin-3-yl)-1.4-diaza-bicyclo[3,3,3]undecane;
- 4-[5-(2-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.3]undecane;
- 4-[5-(4-Trifluoromethyl-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3,3,3]undecane:
- 4-[5-(2-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.3]undecane;
- 4-[5-(4-Fluoro-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.3]undecane;
- 3-(1,4-Diaza-bicyclo[3.3.3]undec-4-yl)-quinoline;
- 4-(3-Trifluoromethyl-pyridin-2-yl)-1,4-diaza-bicyclof3.3.3lundecane:
- 4-(6-Methoxy-pyridin-2-yl)-1,4-diaza-bicyclo[3.3.3]undecane;
- 4-[5-(2-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclol3,3,3]undecane;
- 4-[5-(3-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza-bicyclo[3.3.3]undecane;
- 4-(5-o-Tolyl-pyridin-3-yl)-1,4-diaza-bicyclo[3,3,3]undecane;
- 5-(1,4-Diaza-bicyclo[3.3.3]undec-4-yl)-nicotinic acid ethyl ester;
- 4-(5-Chloro-pyridin-2-yl)-1,4-diaza-bicyclo[3,3,3]undecane;

- 4-(6-Methyl-pyridin-3-yl)-1,4-diaza- bicyclo[3,3,3]undecane;
- 4-[5-(3-Trifluoromethyl-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.3]undecane;
- 4-[5-(4-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza-bicyclo[3.3.3]undecane;
- 4-(5-o-Tolyl-pyridin-2-yl)-1,4-diaza- bicyclo[3,3,3]undecane;
- 4-[5-(3-Chloro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3,3,3]undecane;
- 4-[5-(3-Fluoro-phenyl)-pyridin-2-yl]-1,4-diaza- bicyclo[3.3.3]undecane;
- 4-[5-(4-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.3]undecane;
- 4-[5-(2,4-Dichloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.3]undecane;
- 4-[5-(3-Chloro-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.3]undecane;
- 4-(5-p-Tolyl-pyridin-3-yl)-1.4-diaza- bicyclo[3.3.3]undecane:
- 4-[5-(4-Methoxy-phenyl)-pyridin-3-yl]-1,4-diaza- bicyclo[3.3.3]undecane;
- 4-(5-Methoxy-pyridin-3-yl)-1,4-diaza- bicyclo[3.3.3]undecane;
- 5-(1,4-Diaza-bicyclo[3.3.3]undec-4-yl)-[3,4']bipyridinyl; and
- 4-(2-Methyl-5-trifluoromethyl-pyridin-3-yl)-1,4-diaza- bicyclo[3.3.3]undecane.
- 25. (currently amended) A charmaceutical composition for treating a disorder or condition selected from inflammatory bowel disease, ulcerative colitis, pyoderma gangrenosum, Crohn's disease, irritable bowel syndrome, spastic dystonia, chronic pain, acute pain, celiac sprue, pouchitis, vasoconstriction, anxiety, panic disorder, depression, bipolar disorder, autism, sleep disorders, jet lag, amyotrophic lateral sclerosis (ALS), cognitive dysfunction; drug/toxin-induced cognitive impairment arising from alcohol, barbiturates, vitamin deficiencies, recreational drugs, lead, arsenic, or mercury; disease induced cognitive impairment arising from Alzheimer's disease, senile dementia, vascular dementia, Parkinson's disease, multiple sclerosis, AIDS. encephalitis, trauma, renal and hepatic encephalopathy, hypothyroidism, Pick's disease, Korsakoff's syndrome, frontal dementia or subcortical dementia: hypertension, bulimia, angrexia, obesity, cardiac arrhythmias, gastric acid hypersecretion, ulcers, pheochromocytoma, progressive supramuscular palsy; chemical dependencies and addictions on or to nicotine, tobacco products, alcohol, benzodiazepines, barbiturates, opioids or cocaine: headache, migraine, stroke, traumatic brain injury (TBI), obsessive compulsive disorder (OCD), osychosis-Huntington's chorea, tardive dyskinesia, hyperkinesia, dyslexia, schizophrenia, multi-infarct dementia, ogerelated cognitive decline, epilepsy, including petit mal absence epilepsy, attention deficit hyperactivity disorder (ADHD), and Tourette's Syndrome in a mammal, comprising an amount of a compound according to claim 1 that is effective in treating such disorder or condition and a pharmaceutically acceptable carrier.

 (currently amended) A method of treating a disorder or condition selected from inflammatory bowel disease, ulcerative colitis, pyoderma gangrenosum. Crohn's disease, irritable bowel syndrome, spastic dystonia. chronic-pain, acute-pain, celiac-sprue, pouchtis, vasoconstriction, anxiety, panic disorder, depression, bipolar disorder, autism, sleep-disorders, jet-lag, anyotrophic-lateral-solerosis (ALS), cognitive dysfunction; drug/toxin-induced cognitive impairment arising from alcohol, barbiturates, vitamin deficiencies, recreational drugs, lead, arsenic, or mercury; disease-induced-cognitive impairment arising from Alzheimer's disease,-senile-dementia, vascular-dementia, Parkinson's disease, multiple-sclerosis, AIDS, encephalitis, trauma, renal and hepatic encephaliopathy, hypothyroidism, Pick's disease, Korsakoffs syndrome, frontal-dementia or subcortical dementia; hypertension, bulimia, anorexia, obesity, cardiac arrhythmias, gastric-acid hypersecretion, ulcers, pheechromocytoma, progressive-supramuscular-palsy; chemical dependencies and addictions on or to nicotine, tobacco products, alcohol, benzodiazepines, barbiturates, opioids or cocaine; headache, migraine, stroke, traumatic brain injury (TBI), obsessive-compulsive-disorder-(OCD), psychosis,-thurtington's-chorea,-tardive-dyskinesia, hyperkinesia, dyslexia, schizophrenia, multi-infarct dementia, age-related cognitive decline, epilepsy, including petit mal-absence-epilepsy, attention-deficit-hyperactivity-disorder-(ADHD), and Tourette's-Syndrome-in-a-mammal, comprising administering to a mammal in need of such treatment an amount of a compound according to claim 1 that is effective in treating such disorder or condition.

27. (currently amended) A pharmaceutical composition for treating a disorder or condition selected from inflammatory bowel disease, ulcerative celitis, pyoderma gangrenosum, Crohn's disease, irritable bowel syndrome, spastic dystonia chronic pain, acute pain, celiac sprue pouchitis, vasoconstriction, anxiety, panic disorder, depression, bipolar disorder, autism, sleep disorders, jet lag, amyotrophic lateral sclerosis (ALS), cognitive dysfunction; drug/toxin-induced cognitive impairment arising from alcohol, barbiturates, vitamin deficiencies, recreational drugs, lead, arsenic, or mercury; disease-induced cognitive impairment arising from Alzheimer's disease, senile dementia, vascular dementia, Parkinson's disease, multiple sclerosis, AIDS, encephalitis, trauma, renal and hepatic encephalopathy, hypothyroidism, Pick's disease, Korsakoff's syndrome frontal dementía or subcortical dementía; hypertension, bulimía anorexia obesity, cardiac arrhythmias, gastric acid hypersecretion,--ulcers,--pheochromocytoma,--progressive--supramuscular--palsy; chemical dependencies and addictions on or to nicotine, tobacco products, alcohol, benzodiazepines, barbiturates, opioids or cocaine; headache, migraine, stroke, traumatic brain injury (TBI), obsessive-compulsive-disorder--(OCD),---psychosis-Huntington's chorea, tardive dyskinesia, hyperkinesia, dyslexia, schizophrenia, multi-infarct dementia, age-related cognitive decline, epilepsy, including petit mat absence epilepsy, attention deficit hyperactivity disorder (ADHD), and Fourette's Syndrome in a mammal, comprising a nicotinic receptor modulating amount of a compound according to claim 1 and a pharmaceutically acceptable carrier.

28. (currently amended) A method of treating a disorder or condition selected from inflammatory-bowel disease, ulcerative colitis, pyoderma gangrenosum, Crohn's disease, inritable bowel syndrome, spastic dystonia, chronic pain, acute pain, celiac sprue, pouchitis, vasoconstriction, anxiety, panic disorder, depression, bipolar disorder, autism, sleep disorders, jet-lag, amyotrophic lateral-sclerosis (ALS), cognitive dysfunction; drug/toxin-induced cognitive impairment arising from alcohol, barbiturates, vitamin deficiencies, recreational drugs, lead, arsenic, or mercury; disease-induced-cognitive-impairment-arising-from Alzheimer's-disease,-senile-dementila, vascular-dementia, Parkinson's-disease, multiple-sclerosis-AIDS, encephalitis,-trauma, renal-and-hepatic

encephalopathy, hypothyroidism, Pick's disease, Korsakoffs syndrome, frontal dementia or subcortical dementia: hypertension, bulimia, anorexia, obesity, cardiac arrhythmias, gastric acid hypersecretion, ulcers, pheochromocytoma, progressive supramuscular palsy; chemical dependencies and addictions on or to nicotine, tobacco products, alcohol, benzodiazepines, barbiturates, opioids or cocaine; headache, migraine, stroke, traumatic brain injury (TBI), obsessive compulsive disorder (OCD), psychosis, Huntington's chorea, tardive dyskinesia, hyperkinesia, dyslexia, schizophrenia, multi-infarct dementia, age-related cognitive decline, epilepsy, including petit mal absence epilepsy, attention deficit hyperactivity disorder (ADHD), and Tourette's Syndrome in a-mammal, comprising administering to a mammal in need of such treatment a nicotinic receptor modulating amount of a compound according to claim 1.

- 29. (new) A method of treating a disease of the central nervous system which is mediated by a nicotinic receptor modulating composition according to claim 1.
- 30. (new) A method of modulating cholinergic function in a patient with a need thereof comprising treating said patient with a composition according to claim 1.
- 31. (new) A pharmaceutical composition comprising a therapeutically effective amount of a compound of claim 1 and a pharmaceutically acceptable carrier.
- 32. (new) A method for binding neuronal nicotinic acetylcholine specific receptor sites in a patient in need thereof which comprises administering to said patient a therapeutically effective amount of a compound of claim 1.